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RAW SEQUENCE LISTING

DATE: 05/21/2002

PATENT APPLICATION: US/10/068,965

TIME: 13:52:54

Input Set : A:\Dclerc2p.app

Output Set: N:\CRF3\05212002\J068965.raw

3 <110> APPLICANT: BALLIGNAD, JEAN-LUC
 4 FERON, OLIVIER
 6 <120> TITLE OF INVENTION: NOVEL PHARMACEUTICAL COMPOSITIONS FOR MODULATING
 7 ANGIOGENESIS
 9 <130> FILE REFERENCE: DCLERC-2 P1
 11 <140> CURRENT APPLICATION NUMBER: 10/068,965
 C--> 12 <141> CURRENT FILING DATE: 2002-05-13
 14 <150> PRIOR APPLICATION NUMBER: PCI/EP00/07731
 15 <151> PRIOR FILING DATE: 2000-08-09
 17 <150> PRIOR APPLICATION NUMBER: 99870171
 18 <151> PRIOR FILING DATE: 1999-08-09
 20 <160> NUMBER OF SEQ ID NOS: 86
 22 <170> SOFTWARE: PatentIn Ver. 2.1
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 25 <211> LENGTH: 537
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Homo sapiens
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 32 gtgtacgaag cgcacaccaa ggagatcgac ctggtcaacc gcgaccctaa acacctcaac 180
 33 gatgacgtgg tcaagattga ctgtgaagat gtgattgcag aaccagaagg gacacacagt 240
 34 ttctacggga ttggaagga cagcttcacc accttcactg tgacgaaata ctggttttac 300
 35 cgtctgtgt ctgccccttt tggcaccgg atggcactca tctgaggcat ttacttcgcc 360
 36 attctctctt tctgcacat ctgggcagtt gtaccatgca ttaagagctt cctgattgag 420
 37 attcaqtgca ccagccgtgt ctattccatc tacctccaca ccgtctgtga cccactcttt 480
 38 gaaqctgttg ggaataatatt caqcaatgtc cgcataaact tgcagaaaga aatataa 537
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 20
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Homo sapiens
 46 <400> SEQUENCE: 2
 47 His Gly Ile Trp Lys Ala Ser Phe Thr Thr Phe Thr Val Thr Lys Tyr
 48 1 5 10 15
 50 Trp Phe Tyr Arg
 51 20
 54 <210> SEQ ID NO: 3

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63 Tyr Val His Thr Val Cys

64 20

67 <210> SEQ ID NO: 4

68 <211> LENGTH: 10

69 <212> TYPE: PRT

70 <213> ORGANISM: Artificial Sequence

72 <220> FEATURE:

73 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin

74 binding motif

76 <400> SEQUENCE: 4

77 Phe Pro Ala Ala Pro Phe Ser Gly Trp Tyr

78 1 5 10

81 <210> SEQ ID NO: 5

82 <211> LENGTH: 40

83 <212> TYPE: DNA

84 <213> ORGANISM: Artificial Sequence

86 <220> FEATURE:

87 <223> OTHER INFORMATION: Description of Artificial Sequence: Partial

88 antisense sequence of human caveolin-1

90 <400> SEQUENCE: 5

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94 <210> SEQ ID NO: 6

95 <211> LENGTH: 10

96 <212> TYPE: PRT

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99 <220> FEATURE:

100 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin

101 binding motif

103 <220> FEATURE:

104 <221> NAME/KEY: MOD_RES

105 <222> LOCATION: (2)

106 <223> OTHER INFORMATION: Variable amino acid

108 <220> FEATURE:

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111 <223> OTHER INFORMATION: Variable amino acid

113 <220> FEATURE:

114 <221> NAME/KEY: MOD_RES

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116 <223> OTHER INFORMATION: Variable amino acid

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wl-> 119 Phe Xaa Phe Xaa Xaa Xaa Phe Xaa Phe

120 1 5 10

123 <210> SEQ ID NO: 7

124 <211> LENGTH: 10

125 <212> TYPE: PRT

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130 binding motif
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 144 <222> LOCATION: (9)
 145 <223> OTHER INFORMATION: Variable amino acid
 147 <400> SEQUENCE: 7
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 149 1 5 10
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 157 <220> FEATURE:
 158 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
 159 binding motif
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 163 <222> LOCATION: (2)
 164 <223> OTHER INFORMATION: Variable amino acid
 166 <220> FEATURE:
 167 <221> NAME/KEY: MOD_RES
 168 <222> LOCATION: (4)..(7)
 169 <223> OTHER INFORMATION: Variable amino acid
 171 <220> FEATURE:
 172 <221> NAME/KEY: MOD_RES
 173 <222> LOCATION: (9)
 174 <223> OTHER INFORMATION: Variable amino acid
 176 <400> SEQUENCE: 8
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 178 1 5 10
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 183 <212> TYPE: PRT
 184 <213> ORGANISM: Artificial Sequence
 186 <220> FEATURE:
 187 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
 188 binding motif
 190 <220> FEATURE:

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196 <221> NAME/KEY: MOD_RES
197 <222> LOCATION: (4)..(7)
198 <223> OTHER INFORMATION: Variable amino acid
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201 <221> NAME/KEY: MOD_RES
202 <222> LOCATION: (9)
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213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
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217      binding motif
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221 <222> LOCATION: (2)
222 <223> OTHER INFORMATION: Variable amino acid
224 <220> FEATURE:
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231 <222> LOCATION: (4)
232 <223> OTHER INFORMATION: Variable amino acid
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<220> 235 Phe Xaa Trp Xaa Xaa Xaa Xaa Tyr Xaa Tyr
236      1             5             10
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241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
246      binding motif
248 <220> FEATURE:
249 <221> NAME/KEY: MOD_RES
250 <222> LOCATION: (2)
251 <223> OTHER INFORMATION: Variable amino acid
253 <220> FEATURE:
254 <221> NAME/KEY: MOD_RES

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Input Set : A:\Dclerc2p.app

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260 <222> LOCATION: (9)

261 <223> OTHER INFORMATION: Variable amino acid

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265 1 5 10

268 <210> SEQ ID NO: 12

269 <211> LENGTH: 10

270 <212> TYPE: PRT

271 <213> ORGANISM: Artificial Sequence

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274 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin

275 binding motif

277 <220> FEATURE:

278 <221> NAME/KEY: MOD_RES

279 <222> LOCATION: (2)

280 <223> OTHER INFORMATION: Variable amino acid

282 <220> FEATURE:

283 <221> NAME/KEY: MOD_RES

284 <222> LOCATION: (4)..(7)

285 <223> OTHER INFORMATION: Variable amino acid

287 <220> FEATURE:

288 <221> NAME/KEY: MOD_RES

289 <222> LOCATION: (9)

290 <223> OTHER INFORMATION: Variable amino acid

292 <400> SEQUENCE: 12

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294 1 5 10

297 <210> SEQ ID NO: 13

298 <211> LENGTH: 10

299 <212> TYPE: PRT

300 <213> ORGANISM: Artificial Sequence

302 <220> FEATURE:

303 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin

304 binding motif

306 <220> FEATURE:

307 <221> NAME/KEY: MOD_RES

308 <222> LOCATION: (7)

309 <223> OTHER INFORMATION: Variable amino acid

311 <220> FEATURE:

312 <221> NAME/KEY: MOD_RES

313 <222> LOCATION: (4)..(7)

314 <223> OTHER INFORMATION: Variable amino acid

316 <220> FEATURE:

317 <221> NAME/KEY: MOD_RES

318 <222> LOCATION: (9)

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/068,965DATE: 05/21/2002
TIME: 13:52:55Input Set : A:\Dclerc2p.app
Output Set: N:\CRF3\05212002\J068965.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6: Xaa Pos. 2,4,5,6,7,9
Seq#:7: Xaa Pos. 2,4,5,6,7,9
Seq#:8: Xaa Pos. 2,4,5,6,7,9
Seq#:9: Xaa Pos. 2,4,5,6,7,9
Seq#:10: Xaa Pos. 2,4,5,6,7,9
Seq#:11: Xaa Pos. 2,4,5,6,7,9
Seq#:12: Xaa Pos. 2,4,5,6,7,9
Seq#:13: Xaa Pos. 2,4,5,6,7,9
Seq#:14: Xaa Pos. 2,4,5,6,7,9
Seq#:15: Xaa Pos. 2,4,5,6,7,9
Seq#:16: Xaa Pos. 2,4,5,6,7,9
Seq#:17: Xaa Pos. 2,4,5,6,7,9
Seq#:18: Xaa Pos. 2,4,5,6,7,9
Seq#:19: Xaa Pos. 2,4,5,6,7,9
Seq#:20: Xaa Pos. 2,4,5,6,7,9
Seq#:21: Xaa Pos. 2,4,5,6,7,9
Seq#:22: Xaa Pos. 2,4,5,6,7,9
Seq#:23: Xaa Pos. 2,4,5,6,7,9
Seq#:24: Xaa Pos. 2,4,5,6,7,9
Seq#:25: Xaa Pos. 2,4,5,6,7,9
Seq#:26: Xaa Pos. 2,4,5,6,7,9
Seq#:27: Xaa Pos. 2,4,5,6,7,9
Seq#:28: Xaa Pos. 2,4,5,6,7,9
Seq#:29: Xaa Pos. 2,4,5,6,7,9
Seq#:30: Xaa Pos. 2,4,5,6,7,9
Seq#:31: Xaa Pos. 2,4,5,6,7,9
Seq#:32: Xaa Pos. 2,4,5,6,7,9
Seq#:33: Xaa Pos. 2,4,5,6,7,9
Seq#:34: Xaa Pos. 2,4,5,6,7,9
Seq#:35: Xaa Pos. 2,4,5,6,7,9
Seq#:36: Xaa Pos. 2,4,5,6,7,9
Seq#:37: Xaa Pos. 2,4,5,6,7,9
Seq#:38: Xaa Pos. 2,4,5,6,7,9
Seq#:39: Xaa Pos. 2,4,5,6,7,9
Seq#:40: Xaa Pos. 2,4,5,6,7,9
Seq#:41: Xaa Pos. 2,4,5,6,7,9
Seq#:42: Xaa Pos. 2,4,5,6,7,9
Seq#:43: Xaa Pos. 2,4,5,6,7,9
Seq#:44: Xaa Pos. 2,4,5,6,7,9
Seq#:45: Xaa Pos. 2,4,5,6,7,9
Seq#:46: Xaa Pos. 2,4,5,6,7,9

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TIME: 13:52:55Input Set : A:\Dclerc2p.app
Output Set : N:\CRF3\05212002\J068965.raw

Seq#: 50; Xaa Pos. 2,4,5,6,7,9
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Seq#: 52; Xaa Pos. 2,4,5,6,7,9
Seq#: 53; Xaa Pos. 2,4,5,6,7,9
Seq#: 54; Xaa Pos. 2,4,5,6,7,9
Seq#: 55; Xaa Pos. 2,4,5,6,7,9
Seq#: 56; Xaa Pos. 2,4,5,6,7,9
Seq#: 57; Xaa Pos. 2,4,5,6,7,9
Seq#: 58; Xaa Pos. 2,4,5,6,7,9
Seq#: 59; Xaa Pos. 2,4,5,6,7,9
Seq#: 60; Xaa Pos. 2,4,5,6,7,9
Seq#: 61; Xaa Pos. 2,4,5,6,7,9
Seq#: 62; Xaa Pos. 2,4,5,6,7,9
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Seq#: 85; Xaa Pos. 2,4,5,6,7,9
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